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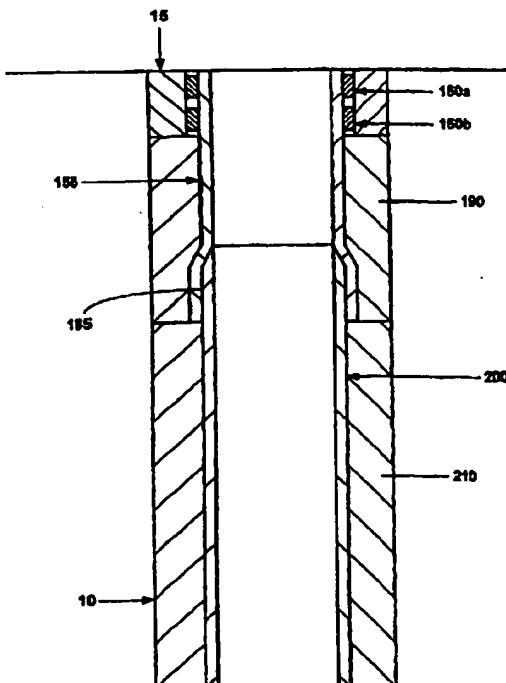
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 US 6322109 B1 US 6085838 A  
 US 6070671 A  
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(54) Abstract Title  
 Mono-diameter wellbore casing

(57) A mono-diameter wellbore casing. The mono-diameter wellbore casing is formed by plastically deforming and radially expanding a first tubular member within a wellbore. A second tubular member is then plastically deformed and radially expanded in overlapping relation to the first tubular member. The second tubular member and the overlapping portion of the first tubular member are then radially expanded again.



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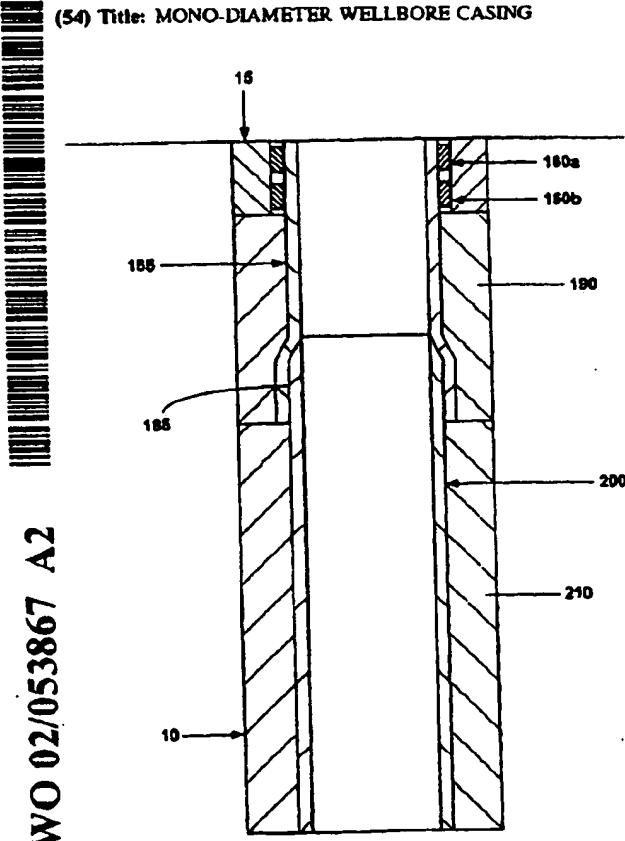
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## (54) Title: MONO-DIAMETER WELLBORE CASING



(57) Abstract: A mono-diameter wellbore casing. The mono-diameter wellbore casing is formed by plastically deforming and radially expanding a first tubular member within a wellbore. A second tubular member is then plastically deformed and radially expanded in overlapping relation to the first tubular member. The second tubular member and the overlapping portion of the first tubular member are then radially expanded again.

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